INDEX TO AUTHORS

ABRAHAM, E. P., see *Arriagada, A.*
——— see *Gilliver, K.*
——— see *Sharp, V. E.*
ALBERT, A., RUBBO, S. D., and BURVILL, MARGARET I., the influence of chemical constitution on antibacterial activity. Part IV: A survey of heterocyclic bases, with special reference to benzquinolines, phenanthridines, benzacridines, quinolines and pyridines, 159
ALDRIDGE, W. N., BARNES, J. M., and DENZ, F. A., experimental beryllium poisoning, 375

ARRIAGADA, A., FLOREY, H. W., JENNINGS, M. A., and WALLMARK, I. G., biological observations on ayfivin, 458
———, SAVAGE, M. C., ABRAHAM, E. P., HEATLEY, N. G., and SHARP, A. E., ayfivin: an antibiotic from *B. licheniformis*; production in potato-dextrose medium, 425
——— see *Sharp, V. E.*
ASHESHOV, I. N., STRELITZ, FRIEDA, and HALL, ELIZABETH A., antibiotics active against bacterial viruses, 175

BARNES, ELLA M., laterosporin A and laterosporin B antibiotics produced by *B. laterosporus*, 100
BARNES, J. M., see *Aldridge, W. N.*
BARR, MOLLIE, the effect of heat upon diphtheria toxoid-antitoxin floccules, 61
BELTON, F. C., see *Hills, G. M.*
BERTINSHAW, DOREEN, see *Race, R. R.*
BIELSCHOWSKY, F., see *Malcolm, J.*
BLATCHLEY, ERROL D., see *Hills, G. M.*
BURNET, F. M., STONE, JOYCE D., ISAACS, A., and EDNEY, MARGARET, the genetic character of O-D change in influenza A, 419
BURTON, H. STOWAR, antibiotics from penicillia, 151
BURVILL, MARGARET I., see *Albert, A.*

CAMPBELL, J. G., the intracellular localization of β-glucuronidase, 548
CRUZ, W. O., see *Moussatché, H.*

DEKANSKI, J., the kaolin-adsorption method for the quantitative assay of urinary gonadotrophins, 272
DENZ, F. A., see *Aldridge, W. N.*

EDNEY, MARGARET, see *Burnet, F. M.*
EDWARD, D. G. FF., tissue neutralization of louping-ill virus, 582
ELEK, S. D., the serological analysis of mixed flocculating systems by means of diffusion gradients, 484
ENNOR, A. H., some effects of anterior pituitary extract on liver metabolism, 389
——— and SINGER, E., serological protection against the "fatty liver"-producing effect of anterior pituitary extracts, 395

FARAGÓ, F., and PUSZTAI, S., an investigation into the effect of combined diphtheria-tetanus-pertussis prophylactic, 572
FISHER, B., the effect of several diluents on prothrombin activity curves, 352
FISHER, S., the erythrocyte receptor for pertussis haemagglutinin, 185
FLOREY, H. W., see *Arriagada, A.*
——— see *Marston, R. Q.*

GALE, E. F., nitratase adaptation: an apparent effect of penicillin which can be reversed by salt, 356
GARDNER, JOAN F., an antibiotic produced by *Staphylococcus aureus*, 130
GILL-CAREY, DOROTHY, antibiotics from aspergilli, 114
——— the nature of some antibiotics from aspergilli, 119
GILLIVER, K., the antibacterial properties of some species of aërobic spore-forming bacilli, 214
———, HOLMES, A. M., and ABRAHAM, E. P., alvein, 209
GOTTSCHALK, A., and LIND, PATRICIA E., ovomucin, a substrate for the enzyme of influenza virus. I. Ovomucin as an inhibitor of haemagglutination by heated Lee virus, 85
GOVAN, A. D. TELFORD, and PARKES, J., acute experimental calcium chloride acidosis, 105
GRIESBACH, W. E., and KENNEDY, T. H., thyroid-parathyroidectomy in parabiotic rats, 555
——— see *Malcolm, J.*
——— see *Purves, H. D.*
GRUBB, R., and MORGAN, W. T. J., the "Lewis" blood group characters of erythrocytes and body-fluids, 198

HADDOW, A. J., see *Smithburn, K. C.*
HALE, J. H., studies on staphylococcus mutation: an investigation of the growth requirements of a "G" (gonidial) variant, 297
HALL, ELIZABETH A., see *Asheshov, I. N.*
HALL, W. H., see *Malcolm, J.*
HAYWARD, MARGARET E., serological studies with herpes simplex virus, 520
HEATLEY, N. G., see *Arriagada, A.*
HERBERT, D., studies on the nutrition of *Pasteurella pestis*, and factors affecting the growth of isolated cells on an agar surface, 509
HEYNINGEN, W. E. VAN, a rapid concentrating still, 302
HILLS, G. M., BELTON, F. C., and BLATCHLEY, ERROL D., ayfivin: production in chemically defined media and comparison with licheniformin, 427
HOLMES, A. M., see *Gilliver, K.*
HOLT, L. B., quantitative studies in diphtheria prophylaxis: the primary response, 289
HOYLE, L., the effect of triphenylmethane dyes on the intracellular growth of influenza virus A, 123
HUMPHREY, J. H., the nature of antistreptolysin "S" in the sera of man and of other species: antistreptolysin titres in normal and diseased states, 345
——— the nature of antistreptolysin S in the sera of man and of other species. The lipoprotein properties of antistreptolysin S, 365
——— and PAGEL, W., the tissue response to heat-killed streptococci in the skin of normal subjects, and in persons with rheumatic fever, rheumatoid arthritis, subacute bacterial endocarditis and erythema nodosum, 282
——— see *Smith, Wilson*

ISAACS, A., see *Burnet, F. M.*

JENNINGS, M. A., see *Arriagada, A.*

KENNEDY, T. H., see *Griesbach, W. E.*
KORPÁSSY, B., and KOVÁCS, K., experimental liver cirrhosis in rats, produced by prolonged subcutaneous administration of solutions of tannic acid, 266
KOVÁCS, K., see *Korpássy, B.*

LAWLER, RUTH, see *Race, R. R.*
LIND, PATRICIA E., see *Gottschalk, A.*
LINGGOOD, F. V., and WOIWOD, A. J., the application of paper partition chromatography to the production of diphtheria toxin: two-dimensional chromatography, 93
LUMSDEN, W. H. R., see *Smithburn, K. C.*
LUNDBÄCK, H., serological diagnosis in mumps, 221
MALCOLM, J., GRIESBACH, W. E., BIELSCHOWSKY, F., and HALL, W. H., hyperplasia of the parathyroids associated with osteitis fibrosa in rats treated with thiouracil and related compounds, 17
MARSTON, R. Q., the isolation of antibiotics produced by *Proactinomyces* (*Nocardia*) *gardneri*, 398
——— and FLOREY, H. W., the antibacterial and pharmacological properties of the proactinomycins A, B and C, 407
MARTIN, N. H., an electrophoretic study of the components of the serum proteins in cirrhosis of the liver, 231
MAYER-GROSS, W., and WALKER, J. W., circulating free amino-acids in hypoglycaemia, 530
MERLING, K. B. E., electron-microscopical studies on the mechanism of lysis and the multiplication of bacteriophage of *Bact. coli*, 139
MILES, A. A., the fixation of diphtheria toxin to skin tissue, with special reference to the action of circulating antitoxin, 319
MORGAN, W. T. J., see *Grubb, R.*
——— see *Stack, M. V.*
MOUSSATCHÉ, H., and CRUZ, W. O., blood histamine in the anaphylactoid shock produced by anti-platelet serum in dogs, 506

NEWTON, G. G. F., antibiotics from a strain of *B. subtilis*, bacilipin A and B and bacilysin, 306
——— see *Sharp, V. E.*

O'CONNOR, R. J., the effect of acridine compounds on mitosis and oxygen consumption in the isolated brain of the embryonic chick, 30

PAGEL, W., see *Humphrey, J. H.*
PARKES, J., see *Govan, A. D. Telford*
POLLOCK, M. R., see *Wainwright, S. D.*
PURVES, H. D., and GRIESBACH, W. E., thyrotropic hormone in thyrotoxicosis, malignant exophthalmos and myxoedema, 23
PUSZTAI, S., see *Faragó, F.*

RACE, R. R., SANGER, RUTH, LAWLER, SYLVIA D., and BERTINSHAW, DOREEN, the Lewis blood groups of 79 families, 73
RUBBO, S. D., see *Albert, A.*

SANGER, RUTH, see *Race, R. R.*
SAVAGE, M. C., see *Arriagada, A.*
SCOTT, GRACE WORKMAN, spontaneous mutation to streptomycin resistance in *Escherichia coli*, 501

SEVITT, S., the failure of anti-histamine drugs to influence the local vascular changes in experimental burns, 540
SHARP, A. E., see *Arriagada, A.*
SHARP, V. E., ARRIAGADA, A., NEWTON, G. G. F. and ABRAHAM, E. P., ayfivin: extraction, purification and chemical properties 444
SINGER, E., see *Ennor, A. H.*
SMITH, WILSON, and HUMPHREY, J. H., the effect of sodium salicylate upon hypersensitivity reactions, 560
——— and WESTWOOD, M. A., factors involved in influenza haemagglutination reactions, 48
SMITHBURN, K. C., Rift Valley fever: the neurotropic adaptation of the virus and the experimental use of this modified virus as a vaccine, 1
——— HADDOW, A. J., and LUMSDEN, W. H. R., Rift Valley fever: transmission of the virus by mosquitoes, 35
STACK, M. V., and MORGAN, W. T. J., the preparation and properties of enzymes from *Cl. welchii* (Type B) filtrates which destroy blood-group substances, 470
STONE, JOYCE D., see *Burnet, F. M.*
STRELITZ, FRIEDA, see *Asheshov, I. N.*
SVEDMYR, A., studies on a factor in normal allantoic fluid inhibiting influenza virus haemagglutination. Precipitation-dissolution reaction in mixtures of active virus and inhibitor, 237
——— studies on a factor in normal allantoic fluid inhibiting influenza virus haemagglutination. Precipitation reaction in mixtures of inactive virus and inhibitor, 248
——— studies on a factor in normal allantoic fluid inhibiting influenza virus haemagglutination. The effect of active virus, proteolytic enzymes and periodate on the inhibitor, 254

WAINWRIGHT, S. D., and POLLOCK, M. R., enzyme adaptation in bacteria: fate of nitratase in nitrate-adapted cells grown in the absence of substrate, 190
WALKER, J. W., see *Mayer-Gross, W.*
WALLMARK, I. G., see *Arriagada, A.*
WESTWOOD, M. A., see *Smith, Wilson.*
WOIWOD, A. J., see *Linggood, F. V.*